

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---------------------------------|------------------|---------|------------------|
| L1 | 3125 | sergey.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:13 |
| L2 | 42542 | park.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:13 |
| L3 | 32142 | yang.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:14 |
| L4 | 11794 | hwang.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:14 |
| L5 | 2 | 1 2 3 4 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/09/18 10:14 |
| L6 | 18198 | ISI (symbol near3 interference) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L7 | 4378973 | input\$3 signal\$3 impuls\$3 puls\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L8 | 603178 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L9 | 3368625 | difference dissimilarit\$3 disparit\$3 distinct\$4 variation | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L10 | 2226697 | threshold limit | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L11 | 2949436 | amplitude level | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L12 | 444940 | high near5 densit\$3 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/09/18 10:20 |
| L13 | 464656 | high near2 freq\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |
| L14 | 4831228 | increas\$3 boost\$3 amplif\$6 rais\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:20 |

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|-----|---------|--|---------------------------------|----|-----|------------------|
| L15 | 8 | (L8 same L12) and (L9 same L7 same L10) and (L11 same L13 same L14) and L6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/18 10:31 |
| L16 | 1 | ((non-linear nonlinear) adj2 transform\$3) and ((cosine adj2 filter\$3) (phase adj2 invert\$5)) and (high adj2 boost) and (adder summer)).clm. | US-PGPUB | OR | ON | 2007/09/18 10:34 |
| S1 | 1 | ("20040170103").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/18 10:13 |
| S2 | 1206 | (non near2 linear) near5 transform\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:28 |
| S3 | 15377 | cosine near5 transform\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:43 |
| S4 | 177 | high near2 boost near3 filter\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:17 |
| S5 | 186362 | adder summer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:27 |
| S6 | 2 | S2 and S3 and S4 and S5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:17 |
| S7 | 913 | boost near3 filter\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:17 |
| S8 | 2 | S2 and S3 and S7 and S5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:17 |
| S9 | 418152 | high near2 frequenc\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S10 | 20185 | invert\$3 near2 phase | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S11 | 1077781 | amplifi\$6 boost\$3 amplitude | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S12 | 4850337 | add\$3 summ\$3 multiplex\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S13 | 29 | (S9 near3 S10) and (S9 near3 S11) and S12 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:29 |

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|-----|---------|---|---------------------------------|----|-----|------------------|
| S14 | 1126150 | equalizer filter | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:29 |
| S15 | 21 | S13 and S14 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:33 |
| S16 | 511034 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:33 |
| S17 | 11 | S13 and S14 and S16 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:35 |
| S18 | 2 | S13 and S14 and S16 and S2 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/07 09:35 |
| S19 | 1 | ("6410838").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/22 16:16 |
| S20 | 608586 | transform\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:17 |
| S21 | 20239 | invert\$3 near2 phase | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S22 | 4868564 | add\$3 summ\$3 multiplex\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S23 | 863675 | amplifi\$6 boost\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:18 |
| S24 | 419620 | high near2 frequenc\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:19 |
| S25 | 246 | S20 and S21 and S22 and (S23 near10 S24) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:19 |
| S26 | 43229 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/22 16:19 |
| S27 | 4 | S25 and S26 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/22 16:19 |
| S28 | 272 | (limit near2 equaliz\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/26 10:57 |
| S29 | 43262 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 10:58 |

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|-----|---------|--------------------------------|---------------------------------|----|-----|------------------|
| S30 | 31 | S28 and S29 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/26 10:58 |
| S31 | 149 | (369/47.17).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 09:23 |
| S32 | 153 | (369/53.33).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 09:23 |
| S33 | 63 | (369/59.16).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 09:23 |
| S34 | 85 | (369/124.13).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 09:23 |
| S35 | 107732 | sine cosine | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:23 |
| S36 | 1384302 | filter\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:24 |
| S37 | 20303 | phase near2 invert\$5 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:25 |
| S38 | 4629 | S35 near4 S36 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:08 |
| S39 | 24734 | S37 S38 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:27 |
| S40 | 387 | S31 S32 S33 S34 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:26 |
| S41 | 13 | S39 and S40 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:28 |
| S42 | 82747 | nonlinear ("not" near2 linear) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:29 |
| S43 | 27 | S42 and S40 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 09:46 |
| S44 | 3 | S39 and S42 and S40 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 10:24 |
| S45 | 51833 | ("375").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 10:24 |
| S46 | 264 | S39 and S42 and (S40 S45) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 10:24 |

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|-----|--------|---|---------------------------------|----|-----|------------------|
| S47 | 24 | S39 same S42 and (S40 S45) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 10:25 |
| S48 | 2645 | (S35 near2 S36) RRCF (RRC near2 filter\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:08 |
| S49 | 22837 | S48 S37 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:09 |
| S50 | 13 | S49 and S40 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:09 |
| S53 | 2195 | ((non near2 linear) non-linear nonlinear) near5 transform\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:29 |
| S54 | 1 | S53 and S40 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:35 |
| S55 | 43302 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 13:35 |
| S56 | 6 | S53 and S55 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:36 |
| S57 | 154 | S53 and S45 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 14:00 |
| S58 | 4 | S57 and S48 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 13:59 |
| S59 | 2793 | (375/229-236).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 14:00 |
| S60 | 12 | S53 and S59 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/09/28 14:01 |
| S61 | 53379 | (cosine near5 transform\$3) (phase near3 (invert\$3 invers\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:44 |
| S62 | 191065 | adder summer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:44 |
| S63 | 430518 | high near2 frequenc\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:47 |
| S64 | 20718 | invert\$3 near2 phase | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:49 |

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|-----|---------|---|---------------------------------|----|-----|------------------|
| S65 | 1109869 | amplifi\$6 boost\$3 amplitude | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S66 | 4999239 | add\$3 summ\$3 multiplex\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S67 | 29 | (S63 near3 S64) and (S63 near3 S65) and S66 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S68 | 110675 | sine cosine | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S69 | 1419555 | filter\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S70 | 53632 | ("375").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/08 14:45 |
| S71 | 2734 | (S68 near2 S69) RRCF (RRC near2 filter\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S72 | 2282 | ((non near2 linear) non-linear nonlinear) near5 transform\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S73 | 165 | S72 and S70 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S74 | 5 | S73 and S71 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:45 |
| S75 | 15447 | ((high near2 frequenc\$4) near10 amplitude) (high near2 boost near2 (filter equalizer)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:48 |
| S76 | 209144 | ((non near2 linear) non-linear nonlinear) near2 transform\$3) transformer | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:51 |
| S77 | 68 | S75 and S76 and S61 and S62 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:52 |
| S78 | 44233 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/08 14:52 |
| S79 | 17 | S75 and S76 and S61 and S62 and (S70 S78) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/08 14:52 |
| S80 | 6246 | invert\$4 near5 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:09 |

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|-----|---------|---|---------------------------------|----|-----|------------------|
| S81 | 8506 | invert\$4 near10 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:09 |
| S82 | 729651 | transform\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:10 |
| S83 | 5232837 | add\$3 sum\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:10 |
| S84 | 177607 | equaliz\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:11 |
| S85 | 2394 | S80 and S81 and S82 and S83 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:12 |
| S86 | 541947 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:12 |
| S87 | 44300 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/11 12:12 |
| S88 | 53757 | ("375").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/11 12:12 |
| S89 | 185 | S80 and S81 and S82 and S83 and S86 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:13 |
| S90 | 28 | S80 and S81 and S82 and S83 and (S87 S88) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:13 |
| S91 | 24 | S89 and S84 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:13 |
| S92 | 13 | S90 and S84 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 12:16 |
| S93 | 6246 | invert\$4 near5 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:40 |
| S94 | 8506 | invert\$4 near10 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:40 |
| S95 | 729651 | transform\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:40 |

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|----------|---------|--|---------------------------------|-----|-----|------------------|
| S96 | 5232837 | add\$3 sum\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:41 |
| S97 | 177607 | equaliz\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:41 |
| S98 | 44300 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/11 14:41 |
| S99 | 53757 | ("375").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/01/11 14:41 |
| S10 0 | 28 | S93 and S94 and S95 and S96 and (S98 S99) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:44 |
| S10 1 | 13 | S100 and S97 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:41 |
| S10 2 | 61 | S97 same S94 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:45 |
| S10 3 | 19 | S97 same S94 same S95 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:45 |
| S10 4 | 1 | S97 same S94 same S95 and (S98 S99) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/11 14:45 |
| S10 5 | 53584 | (cosine near5 transform\$3) (phase near3 (invert\$3 invers\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:33 |
| S10 6 | 8513 | invert\$4 near10 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:18 |
| S10 7 | 731232 | transform\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:34 |
| S10 8 | 177881 | equaliz\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:34 |
| S10 9 | 5241077 | add\$3 sum\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:34 |
| S11 0 | 13583 | (boost\$3 amplitude) near5 (high near2 freq\$7) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:35 |
| S11 1 | 10 | S105 S106 S107 S108 S109 S110 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/01/19 07:38 |

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|----------|---------|---|---------------------------------|-----|-----|------------------|
| S11 2 | 419309 | high near5 densit\$3 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/01/19 07:39 |
| S11 3 | 543634 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:40 |
| S11 4 | 1364 | (S112 same S113) and S108 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:40 |
| S11 5 | 173 | (S112 same S113) same S108 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:41 |
| S11 6 | 392 | ((369/47.17) or (369/53.33) or (369/59.16) or (369/124.13)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/01/19 07:41 |
| S11 7 | 17 | S115 and S116 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 07:57 |
| S11 8 | 16187 | ISI (symbol near3 interference) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:12 |
| S11 9 | 3160350 | difference dissimilarit\$3 disparit\$3 distinct\$4 variation | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:13 |
| S12 2 | 438630 | high near2 freq\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:19 |
| S12 3 | 2776131 | amplitude level | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:19 |
| S12 4 | 2077269 | threshold limit | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:19 |
| S12 5 | 16187 | ISI (symbol near3 interference) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:23 |
| S12 6 | 4143265 | input\$3 signal\$3 impuls\$3 puls\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:23 |
| S12 7 | 543634 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:23 |
| S12 8 | 3160350 | difference dissimilarit\$3 disparit\$3 distinct\$4 variation | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:23 |

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|----------|---------|---|---------------------------------|-----|----|------------------|
| S12 9 | 2077269 | threshold limit | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:24 |
| S13 0 | 2776131 | amplitude level | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:24 |
| S13 1 | 419309 | high near5 densit\$3 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/01/19 08:24 |
| S13 2 | 438630 | high near2 freq\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:25 |
| S13 4 | 4570205 | increas\$3 boost\$3 amplif\$6 rais\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:33 |
| S13 5 | 8 | (S127 same S131) and (S128 same S126 same S129) and (S130 same S132 same S134) and S125 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 08:37 |
| S13 6 | 16187 | ISI (symbol near3 interference) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S13 7 | 4143265 | input\$3 signal\$3 impuls\$3 puls\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S13 8 | 543634 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S13 9 | 3160350 | difference dissimilarit\$3 disparit\$3 distinct\$4 variation | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S14 0 | 2077269 | threshold limit | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S14 1 | 2776131 | amplitude level | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S14 2 | 419309 | high near5 densit\$3 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/01/19 16:32 |
| S14 3 | 438630 | high near2 freq\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S14 4 | 4570205 | increas\$3 boost\$3 amplif\$6 rais\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |

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|----------|---------|---|---------------------------------|-----|----|------------------|
| S14 5 | 8 | (S138 same S142) and (S139 same S137 same S140) and (S141 same S143 same S144) and S136 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/01/19 16:32 |
| S14 6 | 17541 | ISI (symbol near3 interference) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S14 7 | 4294604 | input\$3 signal\$3 impuls\$3 puls\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S14 8 | 583170 | ((optical compact) near2 (disk\$2 disc\$2 medium)) CD DvD CDROM DvDROM "CD-ROM" "DvD-ROM" (digital near2 (versatile video) near2 (disk disc)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S14 9 | 3298891 | difference dissimilarit\$3 disparit\$3 distinct\$4 variation | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S15 0 | 2176691 | threshold limit | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S15 1 | 2890985 | amplitude level | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S15 2 | 436517 | high near5 densit\$3 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2007/07/02 13:51 |
| S15 3 | 455975 | high near2 freq\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S15 4 | 4742214 | increas\$3 boost\$3 amplif\$6 rais\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |
| S15 5 | 8 | (S148 same S152) and (S149 same S147 same S150) and (S151 same S153 same S154) and S146 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/02 13:51 |